BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

PRE-MEASUREMENT

Name of work: Improvements to Main Roads, Cross Roads and Drains in Ward No. 10 (Doddabommasandra).

Estimated Cost : Rs. 30.00 Lakhs

Head of Account : P-3726 Zonal Public Works - POW Works

Job Code: 010-22-000004

Name of Agency: M/s. Sri Channakeshawa Enterprises, Prop: Kiran Gowda D, No. 882, 2nd Floor, Monika Nilaya, 13th Cross, Havanoor Extn, Nagasandra Post, Bengaluru - 560073.

Work order No: BBMP/EE/BTP/WO/28/2022-23 D: 25-04-2022.

Measurements Recarded on : 29-03-2023

Sl No	Description	No.	L	B1	B2	Av.,B	D	Qty	Rate
1	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications.								Sqm
	1st Cross Venkatagiriyappa Layout								
	From 2nd Cross G Krishna Murthy Layout to Venugopalaswamy Temple Road								
		1	15.00	1.10	1.20	1.15		17.25	
		1	15.00	1.20	0.90	1.05		15.75	
		1	18.50	0.90	0.90	0.90		16.65	
	E/S								
		1	19.00	1.00	0.95	0.98		18.53	
		1	15.00	0.95	1.20	1.08		16.13	
		1	15.00	1.20	1.20	1.20		18.00	
		1	15.00	1.20	1.50	1.35		20.25	
		1	15.00	1.50	1.20	1.35		20.25	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	1.10	1.05		15.75	
		1	15.00	1.10	0.95	1.03		15.38	
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	0.95	0.98		14.63	
		1	6.10	0.95	1.20	1.08		6.56	
	W/S								
		1	19.00	1.20	1.00	1.10		20.90	
		1	15.00	1.20	0.80	1.00		15.00	
		1	15.00	0.80	0.90	0.85		12.75	
		1	15.00	0.90	0.95	0.93		13.88	
		1	15.00	0.95	1.10	1.03		15.38	
		1	15.00	1.10	1.00	1.05		15.75	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.10	1.03		15.38	
		1	15.00	1.10	0.95	1.03		15.38	
		1	15.00	0.95	0.90	0.93		13.88	
		1	15.00	0.90	1.00	0.95		14.25	
		1	15.00	1.00	1.00	1.00		15.00	
		1	6.10	1.00	1.10	1.05		6.41	
	3rd Cross Venkatagiriyappa Layout								

AEE (VRP) SD

Sl No	Description	No.	L	B1	B2	Av.,B	D	Qty	Rate
	Venugopalaswamy Temple Road to 1st Main Road								
		1	15.00	1.20	1.10	1.15		17.25	
		1	15.00	1.10	0.95	1.03		15.38	
		1	15.00	0.95	0.85	0.90		13.50	
		1	15.00	0.85	1.00	0.93		13.88	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	0.90	0.95		14.25	
		1	15.00	0.90	1.00	0.95		14.25	
		1	14.00	1.00	0.95	0.98		13.65	
		1	15.00	0.95	1.20	1.08		16.13	
		1	13.50	1.20	1.10	1.15		15.53	
	From 1st main to SWD Drain								
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.20	1.08		16.13	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.20	1.10		16.50	
		1	17.10	1.20	1.00	1.10		18.81	
	1st Main Venkatagiriyappa Layout								
	From SWD Drain to 1st Cross Road								
	N/S	1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.20	1.08		16.13	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	0.90	1.05		15.75	
		1	15.30	0.90	1.10	1.00		15.30	
	S/S								
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.10	1.15		17.25	
		1	15.00	1.10	1.00	1.05		15.75	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.10	1.15		17.25	
		1	15.00	1.10	0.95	1.03		15.38	
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.30	1.20	1.00	1.10		16.83	
					Total Qty =			1092.28	
					Qty Limited to Tender Qty =			1087.50	Cum

Assistant Engineer
New Ward No. 13

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Sl No	Description	No.	L	B1	B2	Av.,B	D	Qty	Rate
	Measurements Recarded on :	06-04-2023							
2	Earthwork excavation by manual means for roads, drains and similar works in ordinary soil incolcing excavated surface leveled and isdes neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications								Cum
	1st Cross Venkatagiriyappa Layout								
	From 2nd Cross G Krishna Murthy Layout to Venugopalaswamy Temple Road								
		1	15.00	1.10	1.20	1.15	0.25	4.31	
		1	15.00	1.20	0.90	1.05	0.25	3.94	
		1	18.50	0.90	0.90	0.90	0.25	4.16	
	E/S								
		1	19.00	1.00	0.95	0.98	0.25	4.63	
		1	15.00	0.95	1.20	1.08	0.25	4.03	
		1	15.00	1.20	1.20	1.20	0.25	4.50	
		1	15.00	1.20	1.50	1.35	0.25	5.06	
		1	15.00	1.50	1.20	1.35	0.25	5.06	
		1	15.00	1.20	1.00	1.10	0.25	4.13	
		1	15.00	1.00	1.00	1.00	0.25	3.75	
		1	15.00	1.00	1.10	1.05	0.25	3.94	
		1	15.00	1.10	0.95	1.03	0.25	3.84	
		1	15.00	0.95	1.00	0.98	0.20	2.93	
		1	15.00	1.00	1.00	1.00	0.20	3.00	
		1	15.00	1.00	0.95	0.98	0.20	2.93	
		1	6.10	0.95	1.20	1.08	0.20	1.31	
	W/S								
		1	19.00	1.20	1.00	1.10	0.20	4.18	
		1	15.00	1.20	0.80	1.00	0.20	3.00	
		1	15.00	0.80	0.90	0.85	0.20	2.55	
		1	15.00	0.90	0.95	0.93	0.20	2.78	
		1	15.00	0.95	1.10	1.03	0.20	3.08	
		1	15.00	1.10	1.00	1.05	0.20	3.15	
		1	15.00	1.00	0.95	0.98	0.20	2.93	
		1	15.00	0.95	1.10	1.03	0.20	3.08	
		1	15.00	1.10	0.95	1.03	0.20	3.08	
		1	15.00	0.95	0.90	0.93	0.20	2.78	
		1	15.00	0.90	1.00	0.95	0.20	2.85	
		1	15.00	1.00	1.00	1.00	0.20	3.00	
		1	6.10	1.00	1.10	1.05	0.20	1.28	
	3rd Cross Venkatagiriyappa Layout								
	Venugopalaswamy Temple Road to 1st Main Road								
		1	15.00	1.20	1.10	1.15	0.20	3.45	
		1	15.00	1.10	0.95	1.03	0.20	3.08	
		1	15.00	0.95	0.85	0.90	0.20	2.70	
		1	15.00	0.85	1.00	0.93	0.20	2.78	
		1	15.00	1.00	1.00	1.00	0.20	3.00	
		1	15.00	1.00	0.90	0.95	0.20	2.85	
		1	15.00	0.90	1.00	0.95	0.20	2.85	
		1	14.00	1.00	0.95	0.98	0.20	2.73	
		1	15.00	0.95	1.20	1.08	0.20	3.23	
		1	13.50	1.20	1.10	1.15	0.20	3.11	
	From 1st main to SWD Drain								
		1	15.00	1.20	1.00	1.10	0.20	3.30	
		1	15.00	1.00	1.00	1.00	0.20	3.00	
		1	15.00	1.00	0.95	0.98	0.20	2.93	
		1	15.00	0.95	1.20	1.08	0.20	3.23	
		1	15.00	1.20	1.00	1.10	0.20	3.30	

AEE (VRP) SD

Sl No	Description	No.	L	B1	B2	Av.,B	D	Qty	Rate
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.00	1.20	1.00	1.10	0.20	3.30	
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	17.10	1.20	1.00	1.10	0.20	3.76	
	1st Main Venkatagiriyappa Layout								
	From SWD Drain to 1st Cross Road								
	N/S								
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.00	1.20	1.00	1.10	0.20	3.30	
		1	15.00	1.00	0.95	0.98	0.20	2.93	
		1	15.00	0.95	1.20	1.08	0.20	3.23	
		1	15.00	1.20	1.00	1.10	0.20	3.30	
		1	15.00	1.00	1.00	1.00	0.20	3.00	
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.00	1.20	1.00	1.10	0.20	3.30	
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.00	1.20	0.90	1.05	0.20	3.15	
		1	15.30	0.90	1.10	1.00	0.20	3.06	
	S/S								
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.00	1.20	1.10	1.15	0.20	3.45	
		1	15.00	1.10	1.00	1.05	0.20	3.15	
		1	15.00	1.00	0.95	0.98	0.20	2.93	
		1	15.00	0.95	1.00	0.98	0.20	2.93	
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.00	1.20	1.10	1.15	0.20	3.45	
		1	15.00	1.10	0.95	1.03	0.20	3.08	
		1	15.00	0.95	1.00	0.98	0.20	2.93	
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.30	1.20	1.00	1.10	0.20	3.37	
				Total Qty =				228.73	
				Qty Limited to Tender Qty =				228.38	Sqm

Assistant Engineer
New Ward No. 13

Asesistant Executive Engineer
Vidayranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Sl No	Description	No.	L	B1	B2	Av.,B	D	Qty	Rate
	Measurements Recarded on : 19-04-2023								
3	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.								Sqm
	1st Cross Venkatagiriyappa Layout								
	From 2nd Cross G Krishna Murthy Layout to Venugopalaswamy Temple Road								
		1	15.00	1.10	1.20	1.15		17.25	
		1	15.00	1.20	0.90	1.05		15.75	
		1	18.50	0.90	0.90	0.90		16.65	
	E/S								
		1	19.00	1.00	0.95	0.98		18.53	
		1	15.00	0.95	1.20	1.08		16.13	
		1	15.00	1.20	1.20	1.20		18.00	
		1	15.00	1.20	1.50	1.35		20.25	
		1	15.00	1.50	1.20	1.35		20.25	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	1.10	1.05		15.75	
		1	15.00	1.10	0.95	1.03		15.38	
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	0.95	0.98		14.63	
		1	6.10	0.95	1.20	1.08		6.56	
	W/S								
		1	19.00	1.20	1.00	1.10		20.90	
		1	15.00	1.20	0.80	1.00		15.00	
		1	15.00	0.80	0.90	0.85		12.75	
		1	15.00	0.90	0.95	0.93		13.88	
		1	15.00	0.95	1.10	1.03		15.38	
		1	15.00	1.10	1.00	1.05		15.75	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.10	1.03		15.38	
		1	15.00	1.10	0.95	1.03		15.38	
		1	15.00	0.95	0.90	0.93		13.88	
		1	15.00	0.90	1.00	0.95		14.25	
		1	15.00	1.00	1.00	1.00		15.00	
		1	6.10	1.00	1.10	1.05		6.41	
	3rd Cross Venkatagiriyappa Layout								
	Venugopalaswamy Temple Road to 1st Main Road								
		1	15.00	1.20	1.10	1.15		17.25	
		1	15.00	1.10	0.95	1.03		15.38	
		1	15.00	0.95	0.85	0.90		13.50	
		1	15.00	0.85	1.00	0.93		13.88	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	0.90	0.95		14.25	
		1	15.00	0.90	1.00	0.95		14.25	
		1	14.00	1.00	0.95	0.98		13.65	
		1	15.00	0.95	1.20	1.08		16.13	
		1	13.50	1.20	1.10	1.15		15.53	
	From 1st main to SWD Drain								
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.20	1.08		16.13	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.20	1.10		16.50	

AEE (VRP) SD

Sl No	Description	No.	L	B1	B2	Av..B	D	Qty	Rate
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.20	1.10		16.50	
		1	17.10	1.20	1.00	1.10		18.81	
	1st Main Venkatagiryappa Layout								
	From SWD Drain to 1st Cross Road								
	N/S	1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.20	1.08		16.13	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	0.90	1.05		15.75	
		1	15.30	0.90	1.10	1.00		15.30	
	S/S								
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.10	1.15		17.25	
		1	15.00	1.10	1.00	1.05		15.75	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.10	1.15		17.25	
		1	15.00	1.10	0.95	1.03		15.38	
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.30	1.20	1.00	1.10		16.83	
					Total Qty =			1092.28	
					Qty Limited to Tender Qty =			1087.50	Sqm

Assistant Engineer
New Ward No. 13

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Sl No	Description	No.	L	B1	B2	Av.,B	D	Qty	Rate
	Measurements Recarded on : 26-04-2023								
4	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.								Cum
	1st Cross Venkatagiriyappa Layout								
	From 2nd Cross G Krishna Murthy Layout to Venugopalaswamy Temple Road								
		1	15.00	1.10	1.20	1.15	0.20	3.45	
		1	15.00	1.20	0.90	1.05	0.20	3.15	
		1	18.50	0.90	0.90	0.90	0.20	3.33	
	E/S								
		1	19.00	1.00	0.95	0.98	0.20	3.71	
		1	15.00	0.95	1.20	1.08	0.20	3.23	
		1	15.00	1.20	1.20	1.20	0.20	3.60	
		1	15.00	1.20	1.50	1.35	0.20	4.05	
		1	15.00	1.50	1.20	1.35	0.20	4.05	
		1	15.00	1.20	1.00	1.10	0.20	3.30	
		1	15.00	1.00	1.00	1.00	0.20	3.00	
		1	15.00	1.00	1.10	1.05	0.20	3.15	
		1	15.00	1.10	0.95	1.03	0.20	3.08	
		1	15.00	0.95	1.00	0.98	0.20	2.93	
		1	15.00	1.00	1.00	1.00	0.20	3.00	
		1	15.00	1.00	0.95	0.98	0.20	2.93	
		1	6.10	0.95	1.20	1.08	0.20	1.31	
	W/S								
		1	19.00	1.20	1.00	1.10	0.20	4.18	
		1	15.00	1.20	0.80	1.00	0.20	3.00	
		1	15.00	0.80	0.90	0.85	0.20	2.55	
		1	15.00	0.90	0.95	0.93	0.20	2.78	
		1	15.00	0.95	1.10	1.03	0.20	3.08	
		1	15.00	1.10	1.00	1.05	0.20	3.15	
		1	15.00	1.00	0.95	0.98	0.20	2.93	
		1	15.00	0.95	1.10	1.03	0.20	3.08	
		1	15.00	1.10	0.95	1.03	0.20	3.08	
		1	15.00	0.95	0.90	0.93	0.20	2.78	
		1	15.00	0.90	1.00	0.95	0.20	2.85	
		1	15.00	1.00	1.00	1.00	0.20	3.00	
		1	6.10	1.00	1.10	1.05	0.20	1.28	
	3rd Cross Venkatagiriyappa Layout								
	Venugopalaswamy Temple Road to 1st Main Road								
		1	15.00	1.20	1.10	1.15	0.20	3.45	
		1	15.00	1.10	0.95	1.03	0.20	3.08	
		1	15.00	0.95	0.85	0.90	0.20	2.70	
		1	15.00	0.85	1.00	0.93	0.20	2.78	
		1	15.00	1.00	1.00	1.00	0.20	3.00	
		1	15.00	1.00	0.90	0.95	0.20	2.85	
		1	15.00	0.90	1.00	0.95	0.20	2.85	
		1	14.00	1.00	0.95	0.98	0.20	2.73	
		1	15.00	0.95	1.20	1.08	0.20	3.23	
		1	13.50	1.20	1.10	1.15	0.20	3.11	
	From 1st main to SWD Drain								
		1	15.00	1.20	1.00	1.10	0.20	3.30	
		1	15.00	1.00	1.00	1.00	0.20	3.00	
		1	15.00	1.00	0.95	0.98	0.20	2.93	
		1	15.00	0.95	1.20	1.08	0.20	3.23	
		1	15.00	1.20	1.00	1.10	0.20	3.30	

AEE (VRP) SD

Sl No	Description	No.	L	B1	B2	Av.,B	D	Qty	Rate
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.00	1.20	1.00	1.10	0.20	3.30	
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	17.10	1.20	1.00	1.10	0.20	3.76	
	1st Main Venkatagiriyappa Layout								
	From SWD Drain to 1st Cross Road								
	N/S	1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.00	1.20	1.00	1.10	0.20	3.30	
		1	15.00	1.00	0.95	0.98	0.20	2.93	
		1	15.00	0.95	1.20	1.08	0.20	3.23	
		1	15.00	1.20	1.00	1.10	0.20	3.30	
		1	15.00	1.00	1.00	1.00	0.20	3.00	
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.00	1.20	1.00	1.10	0.20	3.30	
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.00	1.20	0.90	1.05	0.20	3.15	
		1	15.30	0.90	1.10	1.00	0.20	3.06	
	S/S								
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.00	1.20	1.10	1.15	0.20	3.45	
		1	15.00	1.10	1.00	1.05	0.20	3.15	
		1	15.00	1.00	0.95	0.98	0.20	2.93	
		1	15.00	0.95	1.00	0.98	0.20	2.93	
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.00	1.20	1.10	1.15	0.20	3.45	
		1	15.00	1.10	0.95	1.03	0.20	3.08	
		1	15.00	0.95	1.00	0.98	0.20	2.93	
		1	15.00	1.00	1.20	1.10	0.20	3.30	
		1	15.30	1.20	1.00	1.10	0.20	3.37	
					Total Qty =			218.46	
					Qty Limited to Tender Qty =			217.50	Cum

Assistant Engineer
New Ward No. 13

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Sl No	Description	No.	L	B1	B2	Av.,B	D	Qty	Rate
	Measurements Recarded on : 04-05-2023								
5	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.								Sqm
	1st Cross Venkatagiriyappa Layout								
	From 2nd Cross G Krishna Murthy Layout to Venugopalaswamy Temple Road								
		1	15.00	1.10	1.20	1.15		17.25	
		1	15.00	1.20	0.90	1.05		15.75	
		1	18.50	0.90	0.90	0.90		16.65	
	E/S								
		1	19.00	1.00	0.95	0.98		18.53	
		1	15.00	0.95	1.20	1.08		16.13	
		1	15.00	1.20	1.20	1.20		18.00	
		1	15.00	1.20	1.50	1.35		20.25	
		1	15.00	1.50	1.20	1.35		20.25	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	1.10	1.05		15.75	
		1	15.00	1.10	0.95	1.03		15.38	
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	0.95	0.98		14.63	
		1	6.10	0.95	1.20	1.08		6.56	
	W/S								
		1	19.00	1.20	1.00	1.10		20.90	
		1	15.00	1.20	0.80	1.00		15.00	
		1	15.00	0.80	0.90	0.85		12.75	
		1	15.00	0.90	0.95	0.93		13.88	
		1	15.00	0.95	1.10	1.03		15.38	
		1	15.00	1.10	1.00	1.05		15.75	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.10	1.03		15.38	
		1	15.00	1.10	0.95	1.03		15.38	
		1	15.00	0.95	0.90	0.93		13.88	
		1	15.00	0.90	1.00	0.95		14.25	
		1	15.00	1.00	1.00	1.00		15.00	
		1	6.10	1.00	1.10	1.05		6.41	
	3rd Cross Venkatagiriyappa Layout								
	Venugopalaswamy Temple Road to 1st Main Road								
		1	15.00	1.20	1.10	1.15		17.25	
		1	15.00	1.10	0.95	1.03		15.38	
		1	15.00	0.95	0.85	0.90		13.50	
		1	15.00	0.85	1.00	0.93		13.88	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	0.90	0.95		14.25	
		1	15.00	0.90	1.00	0.95		14.25	
		1	14.00	1.00	0.95	0.98		13.65	
		1	15.00	0.95	1.20	1.08		16.13	
		1	13.50	1.20	1.10	1.15		15.53	
	From 1st main to SWD Drain								
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.20	1.08		16.13	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.20	1.10		16.50	

AEE (VRP) SD

Sl No	Description	No.	L	B1	B2	Av.,B	D	Qty	Rate
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.20	1.10		16.50	
		1	17.10	1.20	1.00	1.10		18.81	
	1st Main Venkatagiriyappa Layout								
	From SWD Drain to 1st Cross Road								
	N/S	1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.20	1.08		16.13	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	0.90	1.05		15.75	
		1	15.30	0.90	1.10	1.00		15.30	
	S/S								
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.10	1.15		17.25	
		1	15.00	1.10	1.00	1.05		15.75	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.10	1.15		17.25	
		1	15.00	1.10	0.95	1.03		15.38	
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.30	1.20	1.00	1.10		16.83	
					Total Qty =			**1092.28**	
					Qty Limited to Tender Qty =			**1087.50**	Sqm

Assistant Engineer
New Ward No. 13

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Sl No	Description	No.	L	B1	B2	Av.,B	D	Qty	Rate
	Measurements Recarded on : 04-05-2023								
6	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 -using 100/120 TPH capacity H.M.P. with sensor paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen								Cum
	1st Cross Venkatagiriyappa Layout								
	From 2nd Cross G Krishna Murthy Layout to Venugopalaswamy Temple Road								
		1	15.00	1.10	1.20	1.15	0.05	0.86	
		1	15.00	1.20	0.90	1.05	0.05	0.79	
		1	18.50	0.90	0.90	0.90	0.05	0.83	
	E/S								
		1	19.00	1.00	0.95	0.98	0.05	0.93	
		1	15.00	0.95	1.20	1.08	0.05	0.81	
		1	15.00	1.20	1.20	1.20	0.05	0.90	
		1	15.00	1.20	1.50	1.35	0.05	1.01	
		1	15.00	1.50	1.20	1.35	0.05	1.01	
		1	15.00	1.20	1.00	1.10	0.05	0.83	
		1	15.00	1.00	1.00	1.00	0.05	0.75	
		1	15.00	1.00	1.10	1.05	0.05	0.79	
		1	15.00	1.10	0.95	1.03	0.05	0.77	
		1	15.00	0.95	1.00	0.98	0.05	0.73	
		1	15.00	1.00	1.00	1.00	0.05	0.75	
		1	15.00	1.00	0.95	0.98	0.05	0.73	
		1	6.10	0.95	1.20	1.08	0.05	0.33	
	W/S								
		1	19.00	1.20	1.00	1.10	0.05	1.05	
		1	15.00	1.20	0.80	1.00	0.05	0.75	
		1	15.00	0.80	0.90	0.85	0.05	0.64	
		1	15.00	0.90	0.95	0.93	0.05	0.69	
		1	15.00	0.95	1.10	1.03	0.05	0.77	
		1	15.00	1.10	1.00	1.05	0.05	0.79	
		1	15.00	1.00	0.95	0.98	0.05	0.73	
		1	15.00	0.95	1.10	1.03	0.05	0.77	
		1	15.00	1.10	0.95	1.03	0.05	0.77	
		1	15.00	0.95	0.90	0.93	0.05	0.69	
		1	15.00	0.90	1.00	0.95	0.05	0.71	
		1	15.00	1.00	1.00	1.00	0.05	0.75	
		1	6.10	1.00	1.10	1.05	0.05	0.32	
	3rd Cross Venkatagiriyappa Layout								
	Venugopalaswamy Temple Road to 1st Main Road								
		1	15.00	1.20	1.10	1.15	0.05	0.86	
		1	15.00	1.10	0.95	1.03	0.05	0.77	
		1	15.00	0.95	0.85	0.90	0.05	0.68	
		1	15.00	0.85	1.00	0.93	0.05	0.69	
		1	15.00	1.00	1.00	1.00	0.05	0.75	
		1	15.00	1.00	0.90	0.95	0.05	0.71	
		1	15.00	0.90	1.00	0.95	0.05	0.71	
		1	14.00	1.00	0.95	0.98	0.05	0.68	
		1	15.00	0.95	1.20	1.08	0.05	0.81	
		1	13.50	1.20	1.10	1.15	0.05	0.78	
	From 1st main to SWD Drain								
		1	15.00	1.20	1.00	1.10	0.05	0.83	
		1	15.00	1.00	1.00	1.00	0.05	0.75	
		1	15.00	1.00	0.95	0.98	0.05	0.73	
		1	15.00	0.95	1.20	1.08	0.05	0.81	

AEE (VRP) SD

Sl No	Description	No.	L	B1	B2	Av.,B	D	Qty	Rate
		1	15.00	1.20	1.00	1.10	0.05	0.83	
		1	15.00	1.00	1.20	1.10	0.05	0.83	
		1	15.00	1.20	1.00	1.10	0.05	0.83	
		1	15.00	1.00	1.20	1.10	0.05	0.83	
		1	17.10	1.20	1.00	1.10	0.05	0.94	
	1st Main Venkatagiriyappa Layout								
	From SWD Drain to 1st Cross Road								
	N/S	1	15.00	1.00	1.20	1.10	0.05	0.83	
		1	15.00	1.20	1.00	1.10	0.05	0.83	
		1	15.00	1.00	0.95	0.98	0.05	0.73	
		1	15.00	0.95	1.20	1.08	0.05	0.81	
		1	15.00	1.20	1.00	1.10	0.05	0.83	
		1	15.00	1.00	1.00	1.00	0.05	0.75	
		1	15.00	1.00	1.20	1.10	0.05	0.83	
		1	15.00	1.20	1.00	1.10	0.05	0.83	
		1	15.00	1.00	1.20	1.10	0.05	0.83	
		1	15.00	1.20	0.90	1.05	0.05	0.79	
		1	15.30	0.90	1.10	1.00	0.05	0.77	
	S/S								
		1	15.00	1.00	1.20	1.10	0.05	0.83	
		1	15.00	1.20	1.10	1.15	0.05	0.86	
		1	15.00	1.10	1.00	1.05	0.05	0.79	
		1	15.00	1.00	0.95	0.98	0.05	0.73	
		1	15.00	0.95	1.00	0.98	0.05	0.73	
		1	15.00	1.00	1.20	1.10	0.05	0.83	
		1	15.00	1.20	1.10	1.15	0.05	0.86	
		1	15.00	1.10	0.95	1.03	0.05	0.77	
		1	15.00	0.95	1.00	0.98	0.05	0.73	
		1	15.60	1.00	1.20	1.10	0.05	0.83	
		1	15.30	1.20	1.00	1.10	0.05	0.84	
					Total Qty =			54.61	
					Qty Limited to Tender Qty =			54.38	Cum

Assistant Engineer
New Ward No. 13

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Sl No	Description	No.	L	B1	B2	Av.,B	D	Qty	Rate
	Measurements Recarded on : 19-06-2023								
7	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.								Sqm
	1st Cross Venkatagiriyappa Layout								
	From 2nd Cross G Krishna Murthy Layout to Venugopalaswamy Temple Road								
	0.00 to 15.00 Mtrs	1	15.00	6.50	6.00	6.25		93.75	
	15.00 to 30.00 Mtrs	1	15.00	6.00	6.20	6.10		91.50	
	30 to 48.50 Mtrs	1	18.50	6.20	6.70	6.45		119.33	
	0.00 to 19.00 Mtrs	1	19.00	7.20	6.35	6.78		128.73	
	19.00 to 34.00 Mtrs	1	15.00	5.60	5.20	5.40		81.00	
	34.00 to 49.00 Mtrs	1	15.00	5.20	5.80	5.50		82.50	
	49.00 to 64.00 Mtrs	1	15.00	5.80	6.30	6.05		90.75	
	64.00 to 79.00 Mtrs	1	15.00	6.30	5.30	5.80		87.00	
	79.00 to 94.00 Mtrs	1	15.00	5.30	5.30	5.30		79.50	
	94.00 to 109.00 Mtrs	1	15.00	5.30	4.50	4.90		73.50	
	109.00 to 124.00 Mtrs	1	15.00	4.50	4.15	4.33		64.88	
	124.00 to 139.00 Mtrs	1	15.00	4.15	4.30	4.23		63.38	
	139.00 to 154.00 Mtrs	1	15.00	4.30	4.20	4.25		63.75	
	154.00 to 169.00 Mtrs	1	15.00	4.20	4.25	4.23		63.38	
	169.00 to 184.00 Mtrs	1	15.00	4.25	4.70	4.48		67.13	
	184.00 to 190.10 Mtrs	1	6.10	4.70	6.50	5.60		34.16	
	3rd Cross Venkatagiriyappa Layout								
	Venugopalaswamy Temple Road to 1st Main Road								
	0.00 to 15.00 Mtrs	1	15.00	5.80	4.50	5.15		77.25	
	15.00 to 30.00 Mtrs	1	15.00	4.50	4.10	4.30		64.50	
	30.00 to 45.00 Mtrs	1	15.00	4.10	4.20	4.15		62.25	
	45.00 to 60.00 Mtrs	1	15.00	4.20	3.70	3.95		59.25	
	60.00 to 75.00 Mtrs	1	15.00	3.70	4.50	4.10		61.50	
	75.00 to 90.00 Mtrs	1	15.00	4.50	3.65	4.08		61.13	
	90.00 to 105.00 Mtrs	1	15.00	3.65	4.10	3.88		58.13	
	105.00 to 119.00 Mtrs	1	14.00	4.10	4.00	4.05		56.70	
	119.00 to 134.00 Mtrs	1	15.00	5.00	4.40	4.70		70.50	
	134.00 to 147.50 Mtrs	1	13.50	4.40	5.20	4.80		64.80	
	From 1st main to SWD Drain								
	0.00 to 15.00 Mtrs	1	15.00	4.60	5.10	4.85		72.75	
	15.00 to 30.00 Mtrs	1	15.00	5.10	5.30	5.20		78.00	
	30.00 to 45.00 Mtrs	1	15.00	5.30	4.10	4.70		70.50	
	45.00 to 60.00 Mtrs	1	15.00	4.10	4.90	4.50		67.50	
	60.00 to 75.00 Mtrs	1	15.00	4.90	4.20	4.55		68.25	
	75.00 to 90.00 Mtrs	1	15.00	4.20	4.50	4.35		65.25	
	90.00 to 105.00 Mtrs	1	15.00	4.50	4.40	4.45		66.75	
	105.00 to 120.00 Mtrs	1	15.00	4.40	4.80	4.60		69.00	
	120.00 to 137.10 Mtrs	1	17.10	4.80	3.80	4.30		73.53	
	1st Main Venkatagiriyappa Layout								
	From SWD Drain to 1st Cross Road								
	0.00 to 15.00 Mtrs	1	15.00	4.20	4.80	4.50		67.50	
	15.00 to 30.00 Mtrs	1	15.00	4.80	7.10	5.95		89.25	
	30.00 to 45.00 Mtrs	1	15.00	7.10	6.30	6.70		100.50	
	45.00 to 60.00 Mtrs	1	15.00	6.30	6.70	6.50		97.50	
	60.00 to 75.00 Mtrs	1	15.00	6.70	6.60	6.65		99.75	
	75.00 to 90.00 Mtrs	1	15.00	6.60	5.80	6.20		93.00	
	90.00 to 105.00 Mtrs	1	15.00	5.80	5.10	5.45		81.75	
	105.00 to 120.00 Mtrs	1	15.00	5.10	6.40	5.75		86.25	
	120.00 to 135.00 Mtrs	1	15.00	6.40	5.50	5.95		89.25	
	135.00 to 150.00 Mtrs	1	15.00	5.50	5.70	5.60		84.00	
	150.00 to 165.30 Mtrs	1	15.30	5.70	4.80	5.25		80.33	

AEE (VRP) SD

Sl No	Description	No.	L	B1	B2	Av.,B	D	Qty	Rate
	Deduction of Manholes								
	Manhole	-17	0.79	Area of Circle = (3.142*1.0*1.0)/4 = 0.79				-13.43	
	Chambers	-10	1.00			0.70		-7.00	
		Total Qty =						3500.39	
		Qty Limited to Tender Qty =						3358.00	Sqm

Assistant Engineer
New Ward No. 13

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97